L Number	Hits	Search Text	I DB	Time stamp
12	1	("5,391,511").PN.	USPAT;	2003/02/05 13:00
**	_	(3/331/311 / 11111	US-PGPUB	2003/02/00 13.00
_	1570	(438/253).CCLS.	USPAT; US-PGPUB	2003/02/03 11:11
-	132	(438/599).CCLS.	USPAT;	2003/02/03 11:06
-	455	(438/241).CCLS.	US-PGPUB USPAT;	2003/02/03 16:19
-	666	(438/656).CCLS.	US-PGPUB USPAT;	2003/02/03 11:06
-	102	(438/For.196).CCLS.	US-PGPUB EPO; JPO;	2003/02/03 11:07
-	0	(438/For.189).CCLS.	DERWENT EPO; JPO;	2003/02/03 11:07
_	561	(438/For.352).CCLS.	DERWENT EPO; JPO;	2003/02/03 11:07
_	1310	((438/253).CCLS.) and dram	DERWENT USPAT;	2003/02/03 11:15
! !	616	(((438/253).CCLS.) and dram	US-PGPUB USPAT;	2003/02/03 11:15
-) and tungsten ((((438/253).CCLS.) and dram	US-PGPUB USPAT;	2003/02/03 11:23
) and tungsten) and ("titanium nitride" or TiN)		1
-	17169	(bottom or lower) adjl electrode	USPAT; US-PGPUB	2003/02/03 15:04
-	223	((bottom or lower) adj1 electrode) same (barrier) same (poly or polysilicon) same	USPAT; US-PGPUB	2003/02/03 11:28
-	248	(TiN or "titanium nitride") ((bottom or lower) adjl electrode) same (barrier) same (poly or polysilicon or	USPAT; US-PGPUB	2003/02/03 12:48
		polycrystalline) same (TiN or "titanium nitride")	 	1
-	1	("6399399").PN.	USPAT; US-PGPUB	2003/02/03 12:48
-	26	("4094057" "4645564" "4676847" "RE33261" "5101251" "5150276" "5254873" "5309008" "5323038" "5381365" "5436477" "5444013" "5466964" "5555520" "5563085"	USPAT	2003/02/03 14:59
	į	"5580811" "5627094" "5644151" "5668041" "5691219" "5698878" "5728596" "5801079" "6015733"		
	_	"6025247" "6197634").PN.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0000/00/00 == 0=
<u> </u>	3	("5976928" "6057231" "6093638").PN.	USPAT	2003/02/03 15:03
-	0 644	DRAM and ((contact or plug) with (tungsten	USPAT;	2003/02/03 15:03 2003/02/03 15:05
-	272	or W) with ("titanium nitride" or TiN)) (DRAM and ((contact or plug) with (tungsten or W) with ("titanium nitride"	US-PGPUB USPAT; US-PGPUB	2003/02/03 15:34
_	222	or TiN))) and MOS ((DRAM and ((contact or plug) with	USPAT;	2003/02/03 15:35
1	222	(tungsten or W) with ("titanium nitride" or TiN))) and MOS) and capacitor	US-PGPUB	2003/02/03 13:35
-	9	("5604140" "5705442" "5712193" "5766830" "5851912" "6045666"	USPAT	2003/02/03 15:45
-	5	"6140223" "6177338" "6217721").PN. ("4746219" "5221853" "5280190" "5661334" "5760475").PN	USPAT	2003/02/03 15:51
-	79	"5661334" "5760475").PN. ((438/241).CCLS.) and (dram) and (tungsten	USPAT;	2003/02/03 16:21
-	52	or W) and ("titanium nitride" or TiN) (((438/241).CCLS.) and (dram) and (tungsten or W) and ("titanium nitride" or	US-PGPUB USPAT; US-PGPUB	2003/02/03 16:20
		TiN)) not (((((438/253).CCLS.) and dram) and tungsten) and ("titanium nitride" or TiN))		
-	6	((438/For.352).CCLS.) and capacitor	EPO; JPO; DERWENT	2003/02/03 16:24
-	1	((438/For.196).CCLS.) and capacitor	EPO; JPO; DERWENT	2003/02/03 16:31

-	455	(barrier or liner or TiN or "titanium nitride") with ((etch\$3 adj2 back) or ((removed or removing or removed) adj2	EPO; JPO; DERWENT	2003/02/03 17:02
-	1851	portion)) (barrier or liner or TiN or "titanium nitride") with ((etch\$3 adj2 back) or ((removed or removing or removed) adj2	USPAT; US-PGPUB; EPO	2003/02/03 16:36
_	568	portion)) ((barrier or liner or TiN or "titanium nitride") with ((etch\$3 adj2 back) or ((removed or removing or removed) adj2 portion))) and capacitor	USPAT; US-PGPUB	2003/02/03 16:38
-	370	(((barrier or liner or TiN or "titanium nitride") with ((etch\$3 adj2 back) or ((removed or removing or removed) adj2 portion))) and capacitor) and dram	USPAT; US-PGPUB	2003/02/03 16:38
	339		USPAT; US-PGPUB	2003/02/03 16:38
_	304	<pre>polycrystalline) same (TiN or "titanium nitride")) (((((barrier or liner or TiN or "titanium</pre>	USPAT;	2003/02/03 17:04
		nitride") with ((etch\$3 adj2 back) or ((removed or removing or removed) adj2 portion))) and capacitor) and dram) not (((bottom or lower) adj1 electrode) same (barrier) same (poly or polysilicon or polycrystalline) same (TiN or "titanium nitride"))) not ((((438/253).CCLS.) and dram	US-PGPUB	
	[-) and tungsten) and ("titanium nitride" or TiN))		
-	3069	(inlaid or trench) near2 capacitor	USPAT; US-PGPUB	2003/02/03 17:02
-	3 28	5914851.URPN. ("4591738" "4954927" "5081559" "5189503" "5192704" "5196909" "5208725" "5313089" "5335138" "5365096" "5366920" "5371700" "5382817" "5383088" "5384729" "5392189" "5397748" "5405796" "5416042" "5436477" "5438011" "5438012" "5442213" "5498889" "5567964" "5583360" "5585998" "5633781").PN.	USPAT	2003/02/03 16:57
-	519	<pre>(((inlaid or trench) near2 capacitor) and ((barrier or liner or TiN or "titanium nitride") same (electrode))) not (((bottom or lower) adj1 electrode) same (barrier) same (poly or polysilicon or polycrystalline) same (TiN or "titanium</pre>	USPAT; US-PGPUB	2003/02/03 17:03
-		nitride")) ((((inlaid or trench) near2 capacitor) and ((barrier or liner or TiN or "titanium nitride") same (electrode))) not (((bottom or lower) adj1 electrode) same (barrier) same (poly or polysilicon or polycrystalline) same (TiN or "titanium nitride"))) not (((((438/253).CCLS.) and dram) and tungsten) and ("titanium nitride" or	USPAT; US-PGPUB	2003/02/03 17:04
		Tin))		

_	461	(((((inlaid or trench) near2 capacitor)	USPAT;	2003/02/03 17:05
!	1	and ((barrier or liner or TiN or "titanium	US-PGPUB	<u>.</u>
		nitride") same (electrode))) not (((bottom or lower) adj1 electrode) same (barrier)	-	
	•	same (poly or polysilicon or	•	
	1	polycrystalline) same (TiN or "titanium		1
	1	nitride"))) not (((((438/253).CCLS.) and	ļ	'
i	i	dram	i	i :
) and tungsten) and ("titanium nitride" or		
i		TiN))) not ((((((barrier or liner or TiN		}
		or "titanium nitride") with ((etch\$3 adj2		
		back) or ((removed or removing or removed) adj2 portion))) and capacitor) and dram)		
		not (((bottom or lower) adj1 electrode)		
		same (barrier) same (poly or polysilicon	-	•
		or polycrystalline) same (TiN or "titanium		
'	•	nitride"))) not (((((438/253).CCLS.) and	! !	'
	!	dram		i :
) and tungsten) and ("titanium nitride" or TiN)))		
_	3545		USPAT;	2003/02/04 12:55
İ		(electrode)) and capacitor and dram	US-PGPUB	2003,02,04 12.33
-	576		USPAT;	2003/02/04 11:18
		((barrier or liner or TiN or "titanium	US-PGPUB	
i	t -	nitride") same (electrode))		
-	3117	(((barrier or liner or diffusion) same	USPAT;	2003/02/04 11:18
1	ŷ-	(electrode)) and capacitor and dram) not (((inlaid or trench) near2 capacitor) and	US-PGPUB	1
	İ	((barrier or liner or TiN or "titanium		i
1		nitride") same (electrode)))		
_	1429		USPAT;	2003/02/04 11:19
		(electrode)) and capacitor and dram) not	US-PGPUB	
		(((inlaid or trench) near2 capacitor) and		
	ļ	((barrier or liner or TiN or "titanium		
	1	nitride") same (electrode)))) and ((dope		1
	1	or doped) with (poly or polysilicon or polycrystalline))		
-	863	(((((barrier or liner or diffusion) same	USPAT;	2003/02/04 12:50
	1	(electrode)) and capacitor and dram) not	US-PGPUB	
		(((inlaid or trench) near2 capacitor) and		
		((barrier or liner or TiN or "titanium		
		nitride") same (electrode)))) and ((dope		
	1	or doped) with (poly or polysilicon or polycrystalline))) and 438/\$.ccls.		
! -	10	("5405796" "5449635" "5607874"	USPAT	2003/02/04 11:43
1	1	"5693553" "5702989" "5714401"	001111	2003,02,01 11.13
1	;	"5716884" "5721152" "5750431"		
1	i	"5926709").PN.		•
-	1	6207524.URPN.	USPAT	2003/02/04 11:44
-	1 885 1	((((((barrier or liner or diffusion) same	USPAT;	2003/02/04 12:13
		<pre>(electrode)) and capacitor and dram) not (((inlaid or trench) near2 capacitor) and</pre>	US-PGPUB	
1	! :	((barrier or liner or TiN or "titanium		
		nitride") same (electrode)))) and ((dope		
	!	or doped) with (poly or polysilicon or		
		polycrystalline))) and 257/\$.ccls.		
1 -	505	((((((barrier or liner or diffusion) same	USPAT;	2003/02/04 12:14
		(electrode)) and capacitor and dram) not	US-PGPUB	
		(((inlaid or trench) near2 capacitor) and ((barrier or liner or TiN or "titanium		
		nitride") same (electrode)))) and ((dope		
	!	or doped) with (poly or polysilicon or		
İ	ļ i	polycrystalline))) and 257/\$.ccls.) not		
		(((((barrier or liner or diffusion) same		
1	ı .	(electrode)) and capacitor and dram) not		i
1	 -	(((inlaid or trench) near2 capacitor) and		!
	, 	((barrier or liner or TiN or "titanium nitride") same (electrode)))) and ((dope		
		or doped) with (poly or polysilicon or		
		polycrystalline))) and 438/\$.ccls.)		
	·			• •

-	1647	(((barrier or liner or diffusion) same	USPAT;	2003/02/04 12:55
!	1	(electrode)) and capacitor and dram) NOT	US-PGPUB	
	l l	438/\$.ccls.		1
i -	403	((((barrier or liner or diffusion) same	USPAT;	2003/02/04 13:14
		(electrode)) and capacitor and dram) NOT	US-PGPUB	1
1	4	438/\$.ccls.) not 257/\$.ccls.		